

ABSTRACT

There is provided a joint device for an artificial leg, which makes it possible to dramatically achieve reduction of the weight of a power source and an increase in duration of the same, as well as facilitates knee bending/stretching motion, toe-up motion, and kicking motion. The joint device has an above-knee member and an under-knee member spaced from each other. Three expansible links are connected between the above-knee member and the under-knee member, for accumulating energy generated by the weight of a user's body acting on the artificial leg, and operating by releasing the accumulated energy to actuate the under-knee member into joint motion.